

35

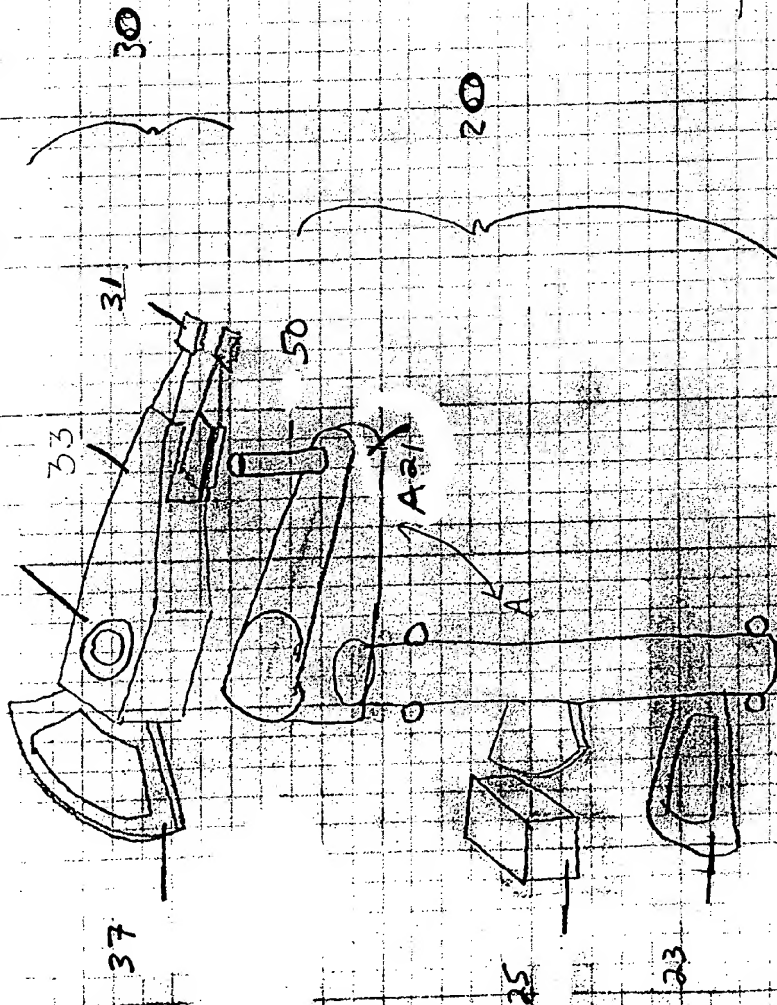


Fig. 1

Prior Art



108160" ST455660

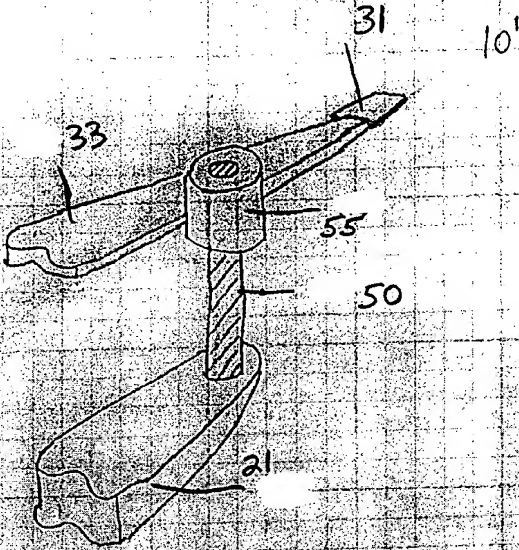
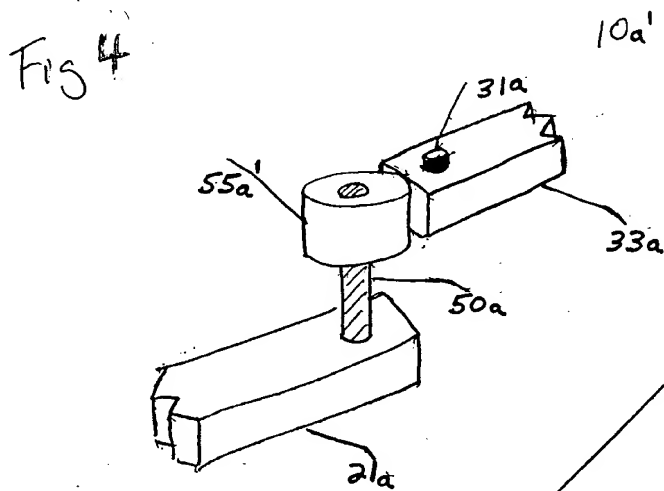
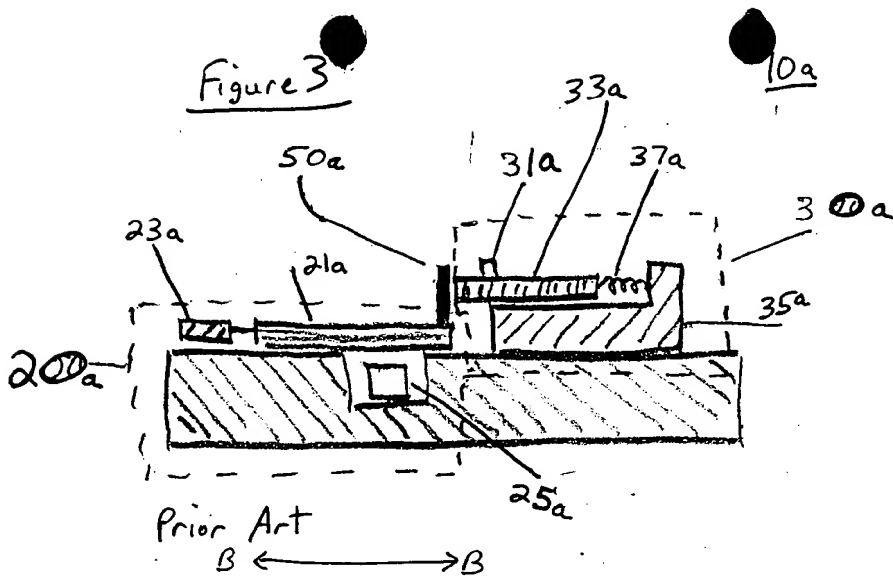


FIG. 2

PRIOR ART



PRIOR
ART

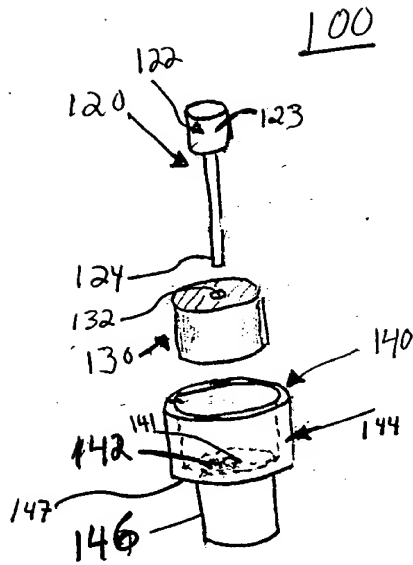


Figure 5

09955415.091801

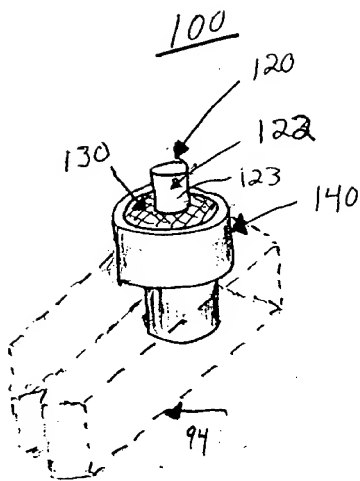
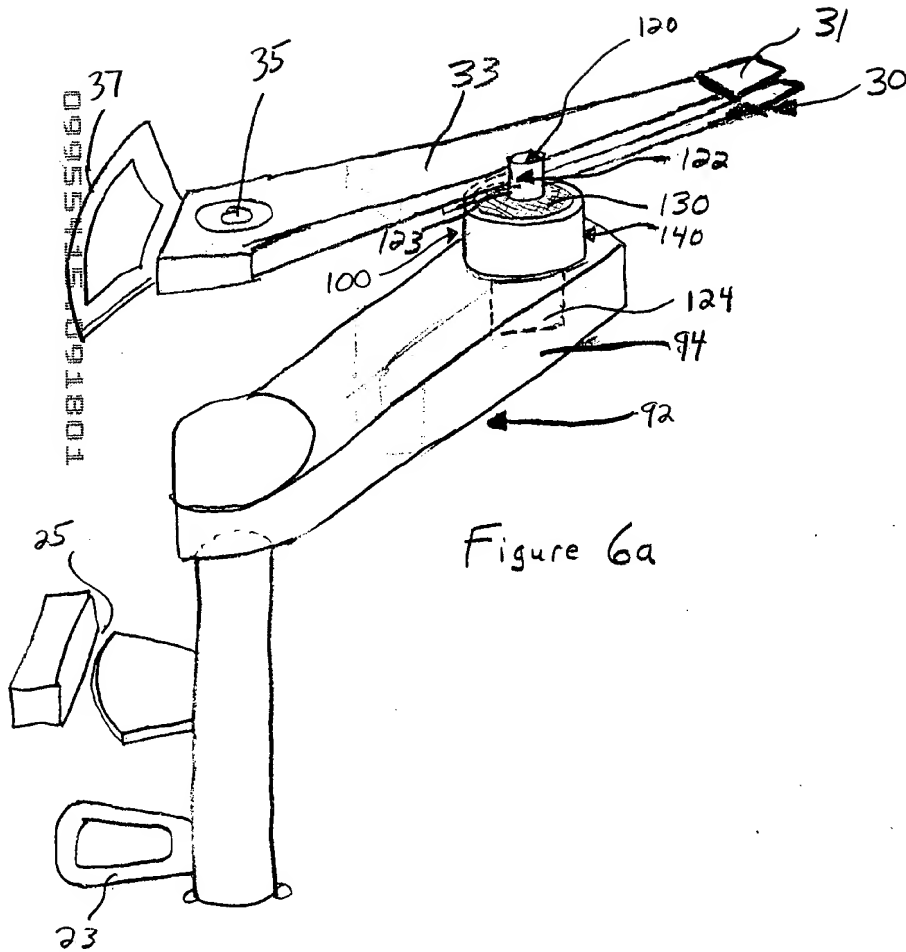


Figure 6

90



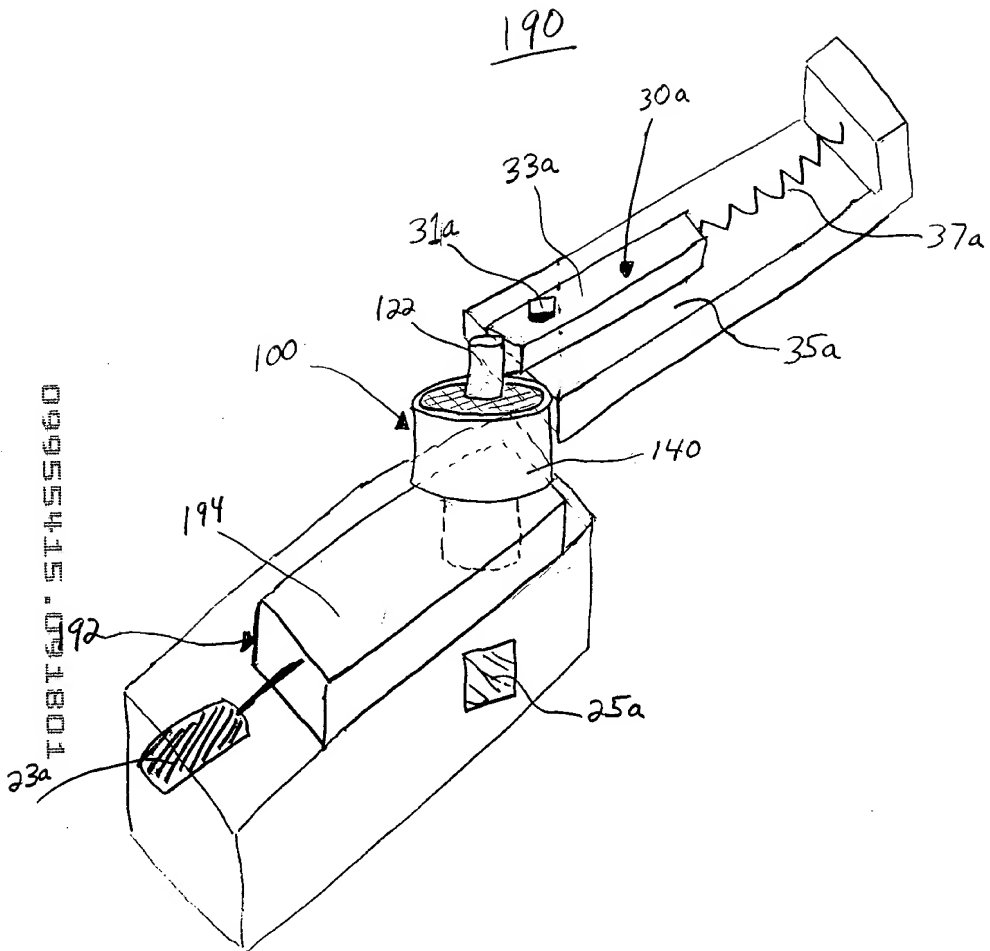
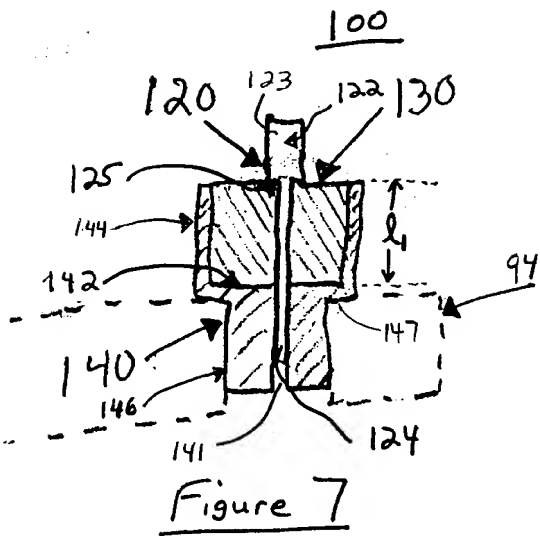


Figure 6b

09955415 091801



09955415.091801

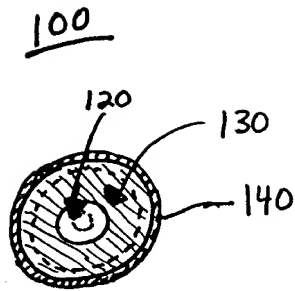


Figure 8

0955415-091801

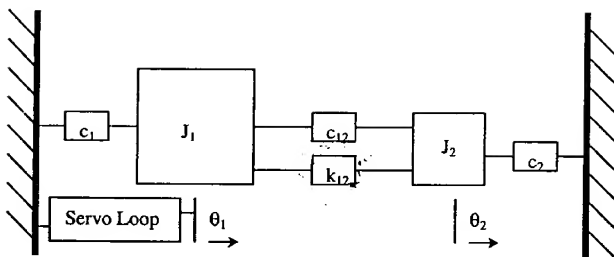


Figure 9

09955415-091801

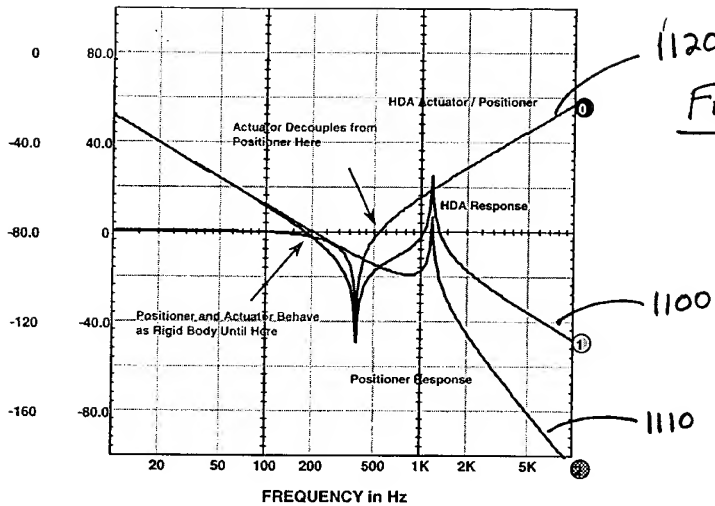


Figure 10

Bode Response with Torque Disturbance at HDA Actuator

099554.15.091801

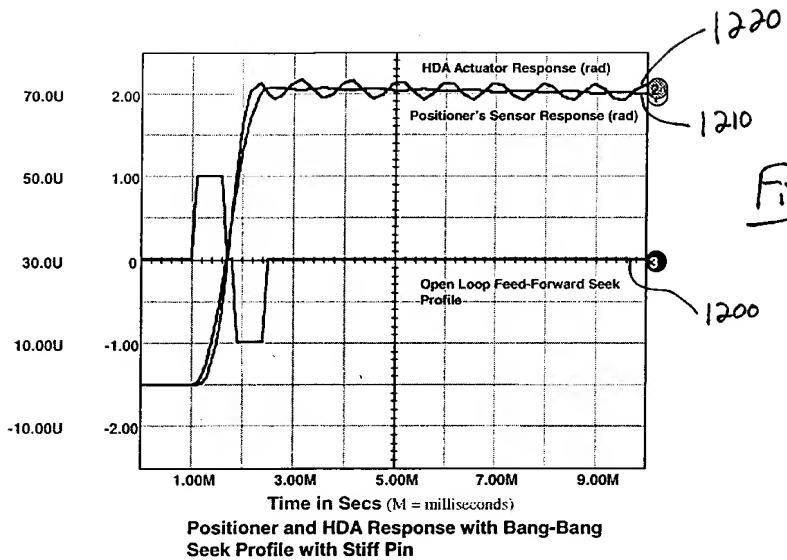
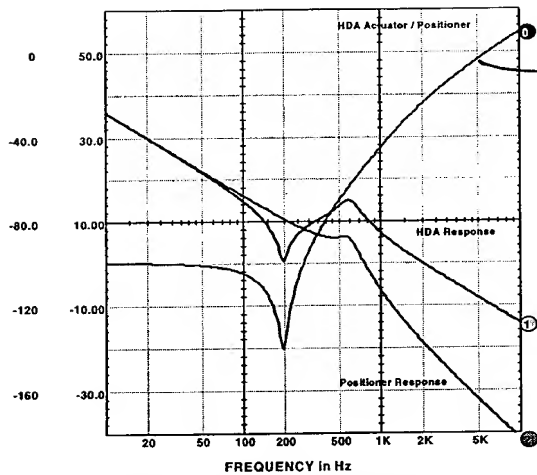


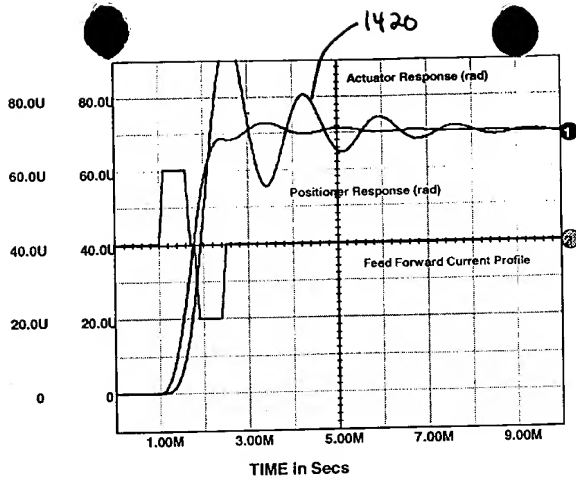
Figure 11

09955415.091801



Response Due to Torque Disturbance at HDA Actuator
with Soft Material between HDA and Positioner

Figure 12

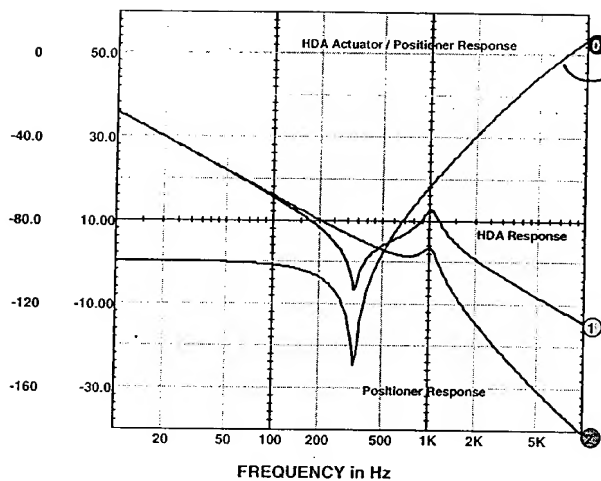


Actuator and Positioner Response for Standard Bang-Bang Seek with Soft Material

Figure 13

09955415-091801

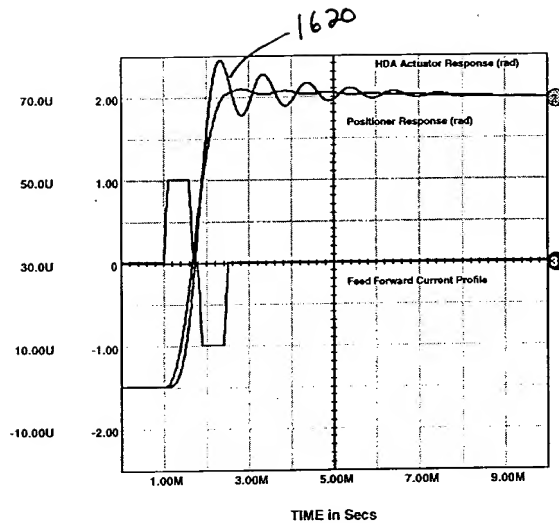
09955415-091801



Response for Torque Disturbance at Actuator with Eng Pin

Figure 14

09955415-091801



Positioner and Actuator Response with Engineered Pin

Figure 15

09955415-091801

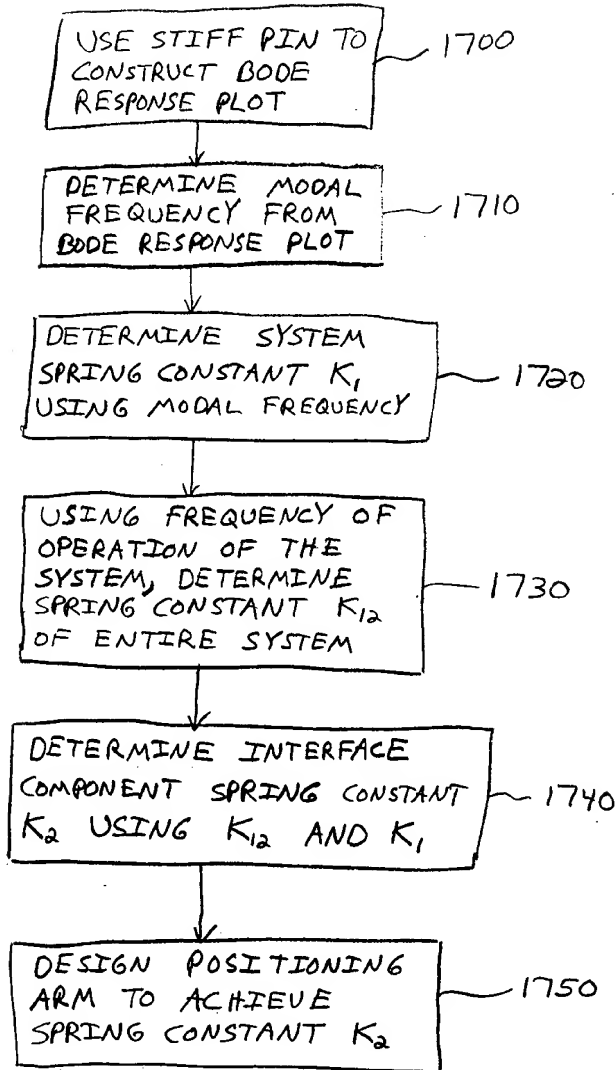


Figure 16